

March 14, 2019



U.S. Department
of Transportation

East Building, PHH-30
1200 New Jersey Avenue S.E.
Washington, D.C. 20590

**Pipeline and Hazardous
Materials Safety Administration**

DOT-SP 20806

EXPIRATION DATE: 2021-02-28

(FOR RENEWAL, SEE 49 CFR 107.109)

1. GRANTEE: Jaguar Texas Valve and Instruments LLC.
HOUSTON, TX
2. PURPOSE AND LIMITATIONS:
 - a. This special permit authorizes the manufacture, mark, sale and use of non-DOT specification cylinders conforming in part to DOT Specification 3E for transporting materials authorized in paragraph 6 of this special permit. This special permit provides no relief from the Hazardous Materials Regulations (HMR) other than as specifically stated herein. The most recent revision supersedes all previous revisions.
 - b. The safety analyses performed in development of this special permit only considered the hazards and risks associated with transportation in commerce. The safety analyses did not consider the hazards and risks associated with consumer use, use as a component of a transport vehicle or other device, or other uses not associated with transportation in commerce.
 - c. In accordance with 49 CFR 107.107(a) party status may not be granted to a manufacturing permit. These packagings may be used in accordance with 49 CFR 173.22a.
3. REGULATORY SYSTEM AFFECTED: 49 CFR Parts 106, 107 and 171-180.
4. REGULATIONS FROM WHICH EXEMPTED: 49 CFR §§ 173.301(a)(9), 173.302a(a), and 173.304a(a)(1) in that a non-specification cylinder is not authorized except as herein.

March 14, 2019

5. BASIS: This special permit is based on the application of JAGUAR INSTRUMENTS INC. dated November 08, 2018, submitted in accordance with § 107.105 and the public proceeding thereon.
6. HAZARDOUS MATERIALS (49 CFR 172.101):

Hazardous Material Description			
Proper Shipping Name	Hazard Class/ Division	Identification Number	Packing Group
Chlorine	2.3	UN1017	N/A (Hazard Zone B)
Hydrogen chloride, anhydrous	2.3	UN1050	N/A (Hazard Zone C)
Those materials which are authorized for shipment in DOT Specification 3E cylinders and that are compatible with the cylinder's material of construction	As Appropriate	As Appropriate	N/A

7. SAFETY CONTROL MEASURES:

a. PACKAGING: Packaging prescribed is a non-DOT specification, nickel based alloy (Monel 400) cylinder. Cylinders must conform to Jaguar Instruments Inc. sketches, drawings and calculations, which are on file with the Office of Hazardous Materials Safety Approvals and Permits Division. Cylinders must conform with all regulations applicable to DOT Specification 3E cylinders (§§178.35 and 178.42) except as follows:

§178.42(a) Type, size, and service pressure.

The cylinder is a seamless tube or drawn over mandrel (D.O.M) cylinder with an outside diameter not greater than 4.5 inches, maximum water capacity of not over 90 cubic inches, and a service pressure of 1,800 psig.

§178.42(b) Material

Nickel copper alloy, Monel 400 (UNS N04400)
conforming to ASTM B 165.

§178.42(i) Markings

In lieu of the DOT specification marking, each
cylinder must be marked "DOT-SP 20806".

b. OPERATIONAL CONTROLS:

(1) Cylinders must be shipped in strong outside
packaging complying with §173.301(a) (9).

(2) Each cylinder must be secured against movement
within the overpack.

8. SPECIAL PROVISIONS:

a. In accordance with the provisions of Paragraph (b) of
§ 173.22a, persons may use the packaging authorized by this
special permit for the transportation of the hazardous
materials specified in paragraph 6, only in conformance with
the terms of this special permit.

b. A person who is not a holder of this special permit,
but receives a packaging covered by this special permit, may
reoffer it for transportation provided no modification or
change is made to the packaging and it is offered for
transportation in conformance with this special permit and
the HMR.

c. A current copy of this special permit must be
maintained at each facility where the package is offered or
reoffered for transportation.

d. Each packaging manufactured under the authority of this
special permit must be either (1) marked with the name of
the manufacturer and location (city and state) of the
facility at which it is manufactured or (2) marked with a
registration symbol designated by the Office of Hazardous
Materials Safety Approvals and Permits Division for a
specific manufacturing facility.

March 14, 2019

- e. A current copy of this special permit must be maintained at each facility where the packaging is manufactured under this special permit. It must be made available to a DOT representative upon request.
9. MODES OF TRANSPORTATION AUTHORIZED: Motor vehicle, rail freight, and cargo vessel.
10. MODAL REQUIREMENTS: A current copy of this special permit must be carried aboard each cargo vessel, or motor vehicle used to transport packages covered by this special permit. The shipper must furnish a copy of this special permit to the air carrier before or at the time the shipment is tendered.
11. COMPLIANCE: Failure by a person to comply with any of the following may result in suspension or revocation of this special permit and penalties prescribed by the Federal hazardous materials transportation law, 49 U.S.C. 5101 et seq:
- o All terms and conditions prescribed in this special permit and the Hazardous Materials Regulations, 49 CFR Parts 171-180.
 - o Persons operating under the terms of this special permit must comply with the security plan requirement in Subpart I of Part 172 of the HMR, when applicable.
 - o Registration required by § 107.601 et seq., when applicable.

Each "Hazmat employee", as defined in § 171.8, who performs a function subject to this special permit must receive training on the requirements and conditions of this special permit in addition to the training required by §§ 172.700 through 172.704.

No person may use or apply this special permit, including display of its number, when this special permit has expired or is otherwise no longer in effect.

Under Title VII of the Safe, Accountable, Flexible, Efficient Transportation Equity Act: A Legacy for Users (SAFETEA-LU)—"The Hazardous Materials Safety and Security Reauthorization Act of 2005" (Pub. L. 109-59), 119 Stat. 1144 (August 10, 2005), amended the Federal hazardous materials transportation law by changing the term "exemption" to "special permit" and authorizes a special

March 14, 2019

permit to be granted up to two years for new special permits and up to four years for renewals.

12. REPORTING REQUIREMENTS: Shipments or operations conducted under this special permit are subject to the Hazardous Materials Incident Reporting requirements specified in 49 CFR §§ 171.15 - Immediate notice of certain hazardous materials incidents, and 171.16 - Detailed hazardous materials incident reports. In addition, the grantee(s) of this special permit must notify the Associate Administrator for Hazardous Materials Safety, in writing, of any incident involving a package, shipment or operation conducted under terms of this special permit.

Issued in Washington, D.C.:



for William Schoonover
Associate Administrator for Hazardous Materials Safety

Address all inquiries to: Associate Administrator for Hazardous Materials Safety, Pipeline and Hazardous Materials Safety Administration, U.S. Department of Transportation, East Building PHH-30, 1200 New Jersey Avenue, Southeast, Washington, D.C. 20590.

Copies of this special permit may be obtained by accessing the Hazardous Materials Safety Homepage at http://hazmat.dot.gov/sp_app/special_permits/spec_perm_index.htm Photo reproductions and legible reductions of this special permit are permitted. Any alteration of this special permit is prohibited.

PO: Teresa D'Onfro